

## SWP Water Quality Summary

November 9 to December 7, 2005

**Total Dissolved Solids:** TDS concentrations at all locations were higher than the Article 19 Ten Year Average Objective of 220 mg/l, except at Barker Slough with 119 mg/l. Concentrations ranged from 119 to 337 mg/l while increase of 98 and 97 mg/l occurred at Vallecitos and Banks Pumping Plant (BPP) respectively on December 7, 2005. The highest concentration of 337 mg/l occurred at Vallecitos on December 7, 2005.

**Bromide concentrations:** BPP had the highest values (0.31 mg/l). Bromide concentrations at all locations exceeded CBDA Objective of (0.05 mg/l). Barker Slough had the lowest concentration of 0.05 mg/l followed by Vallecitos/BPP with 0.31 mg/l, respectively.

**Turbidity:** Turbidity at all locations was below 20 NTU except at Barker Slough with 57 NTU. Concentrations ranged from 2 to 57 NTU. Concentrations decreased at all the locations, except at BPP where it increased from 6 to 8 NTU.

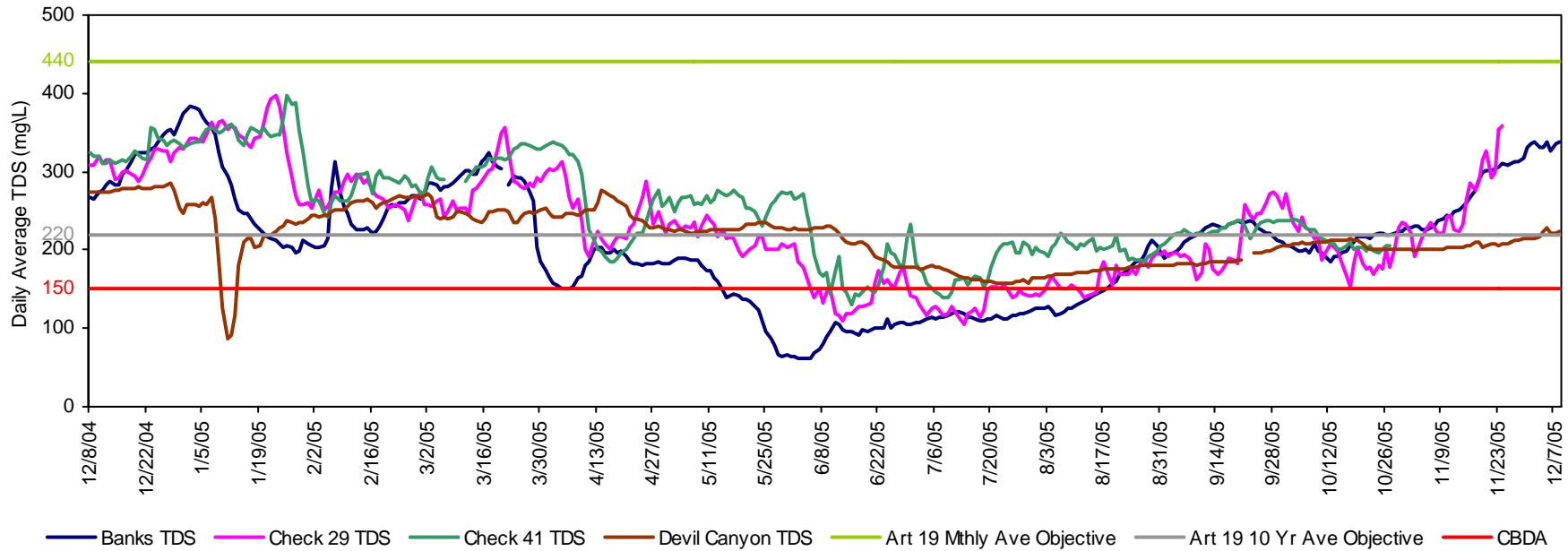
**Dissolved Organic Carbon:** Concentrations increased at BPP (2.1 to 3.00 mg/l) and at Check 13 (2.2 to 2.5 mg/l) from November 9 to December 8, 2005. However, their concentrations on November 9, 2005 were relatively similar. Peak concentration of 3.4 mg/l was recorded at Check 13 on December 5, 2005. Concentration at Check 13 was below the CBDA TOC Objective of 3.0 mg/l on December 7, 2005 while the concentration was 3.0 mg/l at BPP.

**Taste and Odor Compounds:** Taste and odor compounds, MIB and geosmin were low at Clifton Court, BPP, Del Valle Check 7 and Del Valle Outlet, ranging from non – detect to 6 ng/l. MIB and geosmin at San Luis Reservoir, Pacheco Pumping Plant and Check 13 were below detection since October 31, 2005.

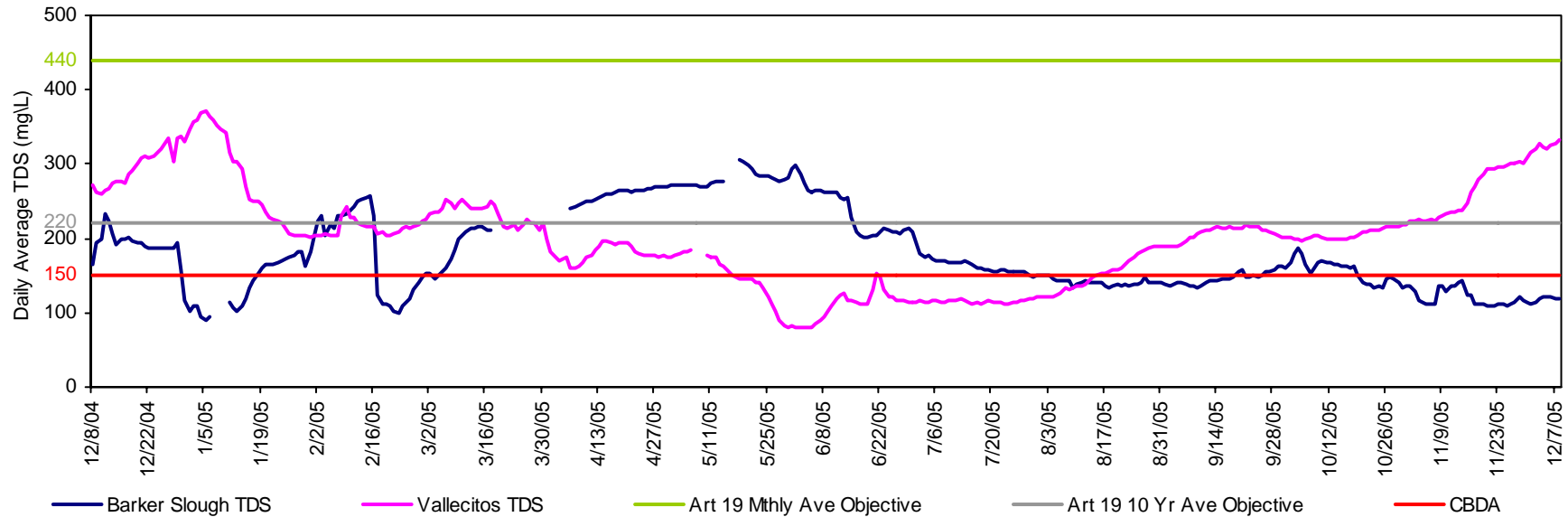
**Ground Water Pump-in:** None.

For more information refer to: <http://www.wmq.water.ca.gov> and <http://www.dpla.ca.gov/supply/sampling/mwg/main.htm>

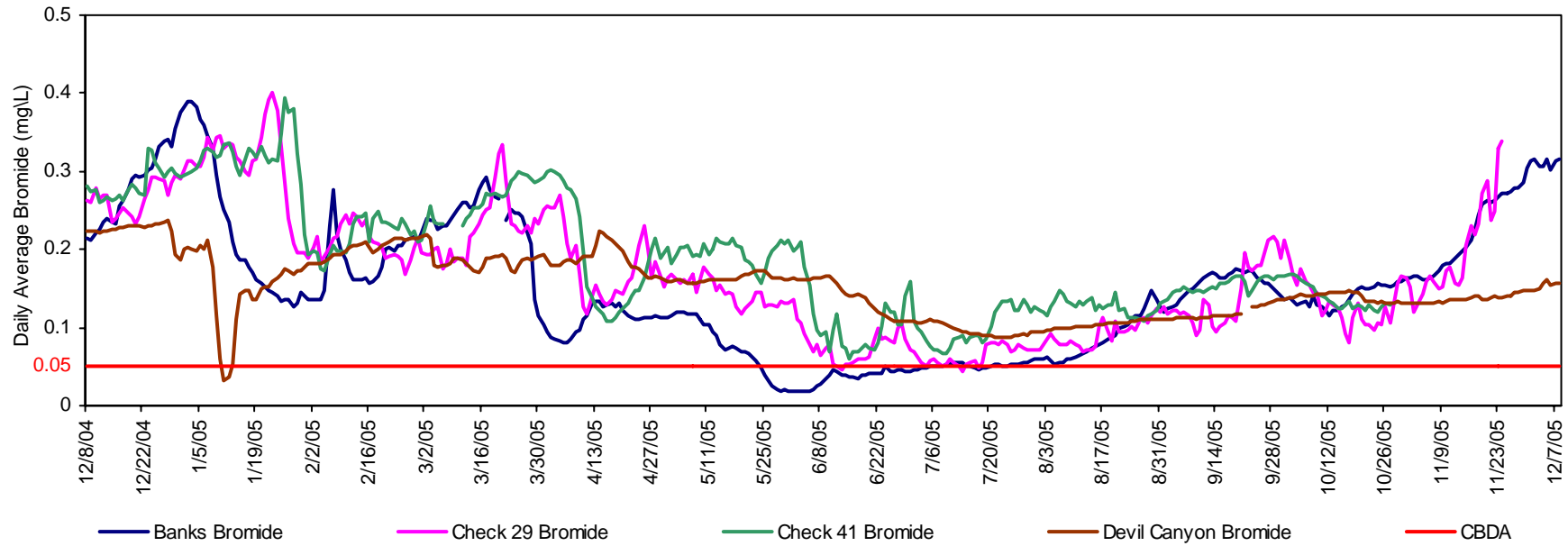
## California Aqueduct - Calculated Total Dissolved Solids



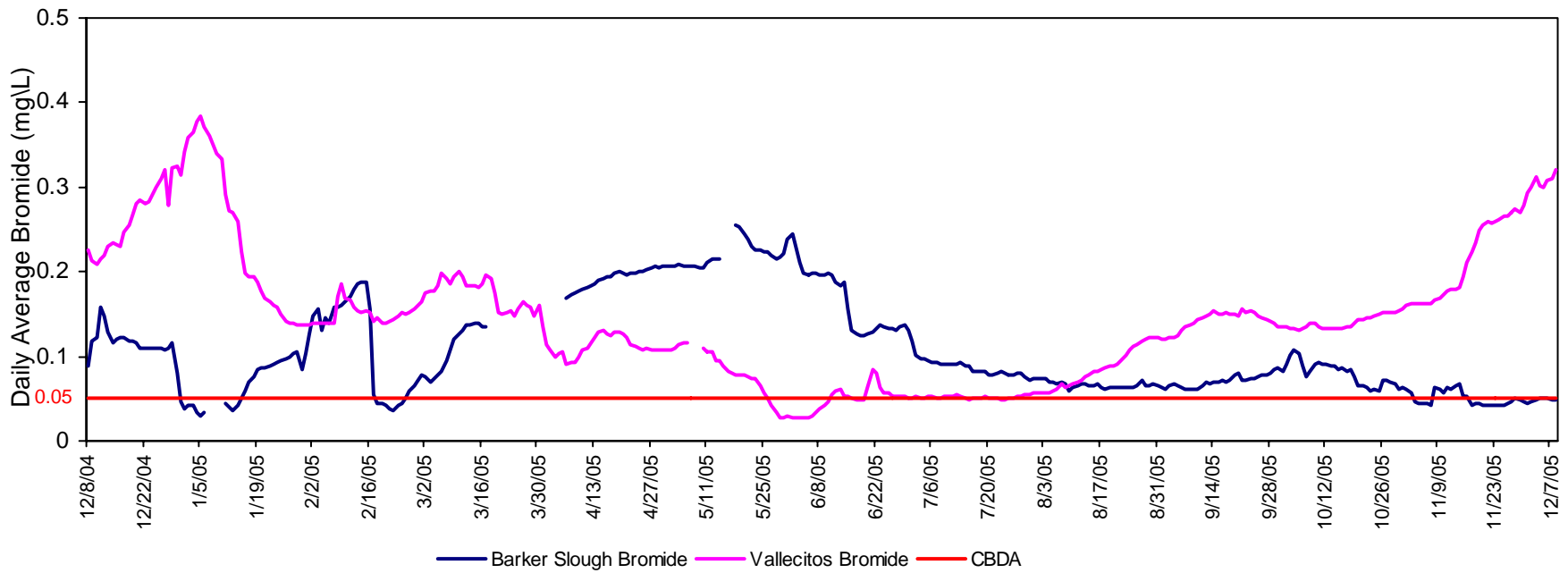
## North and South Bay Aqueduct - Calculated Total Dissolved Solids



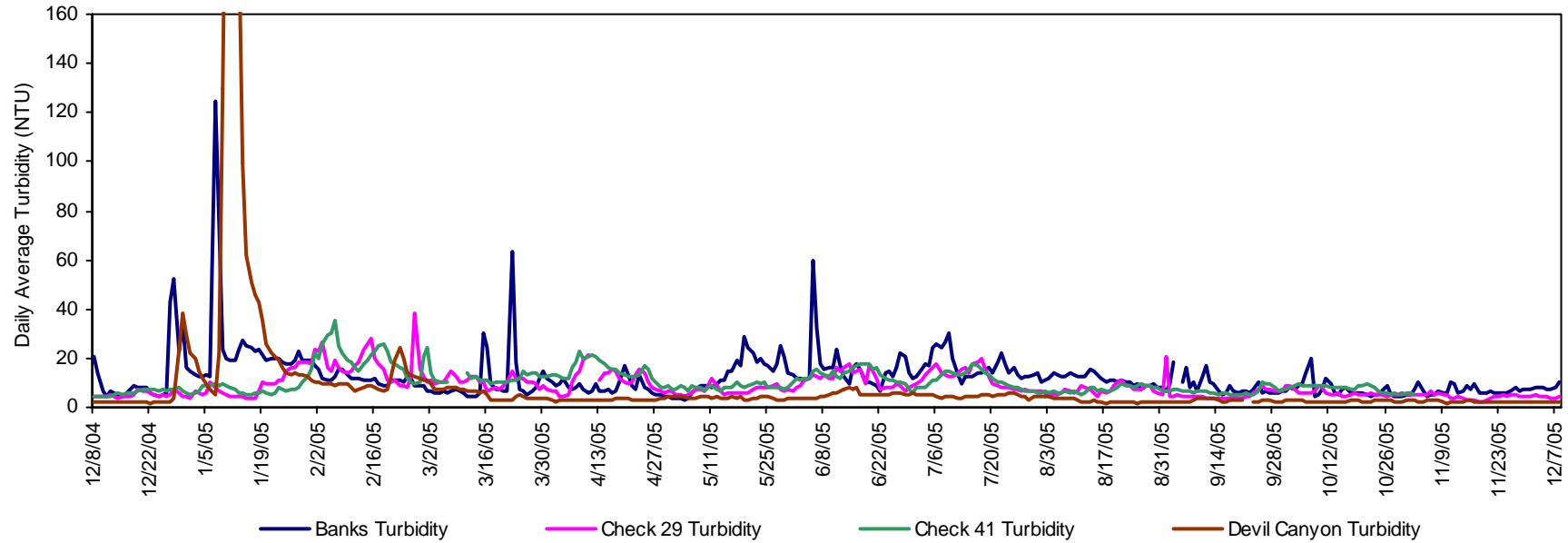
California Aqueduct - Calculated Bromide



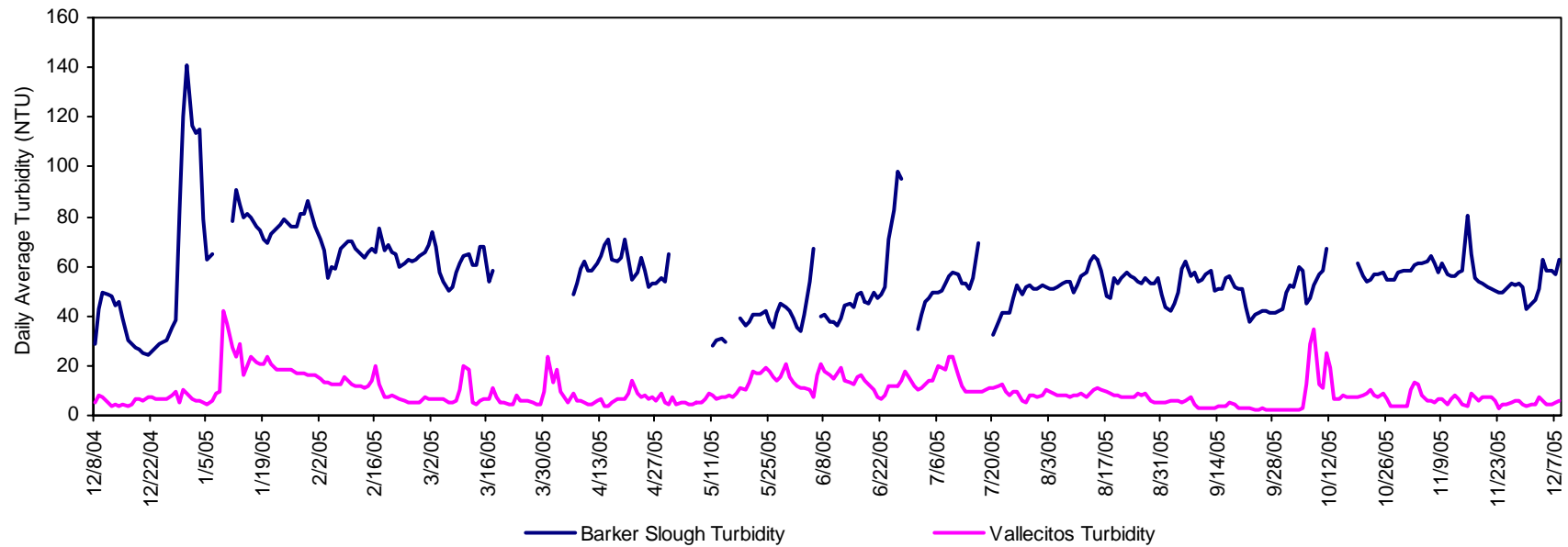
North and South Bay Aqueduct - Calculated Bromide



### California Aqueduct - Turbidity



### North and South Bay Aqueduct - Turbidity



# California Aqueduct Calculated Dissolved Organic Carbon

